

<b>Interview Summary</b>	Application No. 09/581,631 09/972,178 10/187,897 Examiner John J. Zimmerman	Applicant(s) SHIMOKAWA ET AL.
		Art Unit 1775

All participants (applicant, applicant's representative, PTO personnel):

(1) John J. Zimmerman.

(3) Kenji Kawagoe.

(2) William I. Solomon (Reg. No. 28,565).

(4) Masahide Okamoto.

Date of Interview: 06 November 2002.

Type: a) Telephonic b) Video Conference  
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.  
If Yes, brief description: \_\_\_\_\_

Claim(s) discussed: All pending claims.

Identification of prior art discussed: particularly US 6,110,608.

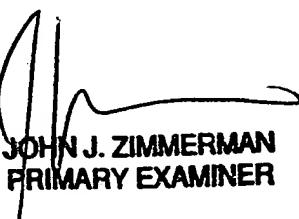
Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

i) It is not necessary for applicant to provide a separate record of the substance of the interview(if box is checked).

Unless the paragraph above has been checked, THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

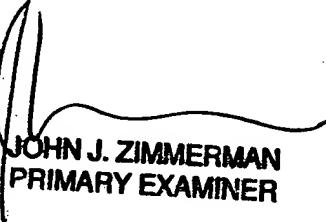


JOHN J. ZIMMERMAN  
PRIMARY EXAMINER

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: A proposed amendment (submitted by fax) was discussed. In particular, the issue of whether the Tanimoto reference disclosed the use of a single layer was discussed. The examiner's position was that Tanimoto specifically described reflowing both layers in column 6, lines 7-19, and in specific comparative examples. It was discussed to use "consisting of" language instead of negative limitations to prohibit extra layers on the substrate. It was agreed to review the weight given to "plating layers" with regards to references that use "solders".



JOHN J. ZIMMERMAN  
PRIMARY EXAMINER